

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2007/017120

**A. CLASSIFICATION OF SUBJECT MATTER**  
INV. A61M5/172 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
A61M G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/163223 A1 (BLOMQUIST MICHAEL L [US]) 28 August 2003 (2003-08-28) the whole document	1-52
X	WO 00/48112 A (BAXTER INT [US]) 17 August 2000 (2000-08-17) the whole document	1-52
X	US 4 731 051 A (FISCHELL ROBERT E [US]) 15 March 1988 (1988-03-15) the whole document	1-52
X	US 2006/026205 A1 (BUTTERFIELD ROBERT D [US]) 2 February 2006 (2006-02-02) the whole document	1-52

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

14 January 2008

Date of mailing of the international search report

25/01/2008

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Ceccarelli, David

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No

PCT/US2007/017120

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003163223	A1	28-08-2003	US	2005143864 A1	30-06-2005
WO 0048112	A	17-08-2000	EP	1084476 A2	21-03-2001
			JP	2002536768 T	29-10-2002
			US	2004158193 A1	12-08-2004
US 4731051	A	15-03-1988	NONE		
US 2006026205	A1	02-02-2006	AU	2005267774 A1	09-02-2006
			CA	2574978 A1	09-02-2006
			CN	101044487 A	26-09-2007
			EP	1782311 A2	09-05-2007
			KR	20070055518 A	30-05-2007
			WO	2006015330 A2	09-02-2006